CALIFORNIA
Water Boards

EDMUND G. BROWN JR.
GOVERNOR

MATTHEW RODRIQUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

State Water Resources Control Board
Division of Drinking Water

April 10, 2017

Bobbi Baker, Treasurer
Cypress Canyon Water System
P.O. Box 82
Lake Isabella, CA 93240

RE: CITATION FOR MONITORING AND REPORTING VIOLATIONS, AND DISTIBUTION OPERATOR VIOLATION - CYPRESS CANYON WATER SYSTEM (SYSTEM NO. 1502449)

Dear Ms. Baker,

The State Water Resources Control Board (hereinafter State Board), Division of Drinking Water is hereby issuing Citation No 03_19_17C_015, to Cypress Canyon Water System (hereinafter Water System). Per the State Board's records, the Water System is overdue for a vast amount of Title 22 chemical monitoring from both wells (Well 01 and Well 02) of the Water System. Lead and copper tap monitoring is also overdue. Additionally, the Water System is required to employ or contract a certified distribution operator of grade D1 or higher and is in ongoing violation of this requirement. The citation is enclosed. **The citation includes a penalty of $1,500 (one thousand and five hundred dollars) and is due by July 7, 2017.** Please note that Directives Nos. 9 and 10 of the Citation describe how to pay the penalty. If the Water System fully complies with Directives No. 1 through 8 before the payment becomes due, and upon a written request from the Water System, the State Board will consider, at its sole discretion, terminating the requirement to pay the penalty.

The State Board previously issued Citation No. 03_19_17C_002 on February 10, 2017, for the same violations. The Water System failed to comply with the directives listed in Citation No. 03_19_17C_002. **Please note that the State Board will escalate the enforcement action further if the Water System fails to comply with the directives of the State Board.**

If you have any questions regarding this matter, please contact me at (661) 335-7318 or Carl Carlucci, Supervising Sanitary Engineer at (559) 447-3132.

Sincerely,

Jaswinder S. Dhaliwal, P.E.
Senior Sanitary Engineer, Tehachapi District
Southern California Drinking Water Field Operations Branch
DIVISION OF DRINKING WATER

Enclosure: Citation No. 03_19_17C_015

CC: Kern County Dept. of Public Health, Env. Health Services Division (w/out enclosure)
Edward Comacho, General Manager and Water Quality Contact (via email)

CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
DIVISION OF DRINKING WATER

TO: Cypress Canyon Water System
PWS ID No. 1502449

ATTN: Bobby Baker, Treasurer
Cypress Canyon Water System
P.O. Box 82
Lake Isabella, CA 93240

CERTIFIED MAIL

CITATION NO. 03_19_17C_015
FOR
VIOLATION OF CALIFORNIA HEALTH AND SAFETY CODE SECTIONS 116555 AND 106885, AND TITLE 22, CALIFORNIA CODE OF REGULATIONS, SECTIONS 64432, 64442, 64449, 64675, AND 63770
Issued on: April 10, 2017

The California Health and Safety Code (hereinafter "CHSC"), Section 116650 authorizes the State Water Resources Control Board (hereinafter "State Board") to issue a citation to a public water system when the State Board determines that the public water system has violated or is violating the California Safe Drinking Water Act (hereinafter "California SDWA"), (CHSC, Division 104, Part 12, Chapter 4, commencing with Section 116270), or any regulation, standard, permit, or order issued or adopted thereunder.

The State Board, acting by and through its Division of Drinking Water (hereinafter "Division") and the Deputy Director for the Division, hereby issues this citation pursuant to Section 116650 of the CHSC to the Cypress Canyon Water System (hereinafter "Water System") for violation of CHSC Sections 116550 and 106885,

and Title 22, California Code of Regulations (hereinafter "CCR"), Sections 64432, 64442, 64449, 64675, and 63770.

A copy of the applicable statutes and regulations are included in Attachment A, which is attached hereto and incorporated by reference.

STATEMENT OF FACTS

The Cypress Canyon Water System (hereinafter "Water System") is a public water system located in Kern County that supplies water for domestic purposes to approximately 50 individuals through approximately 34 service connections. The Water System is a community public water system, as defined in CHSC, Section 116275.

The Water System utilizes groundwater as its source of domestic water. Title 22, CCR, Division 4, Chapter 15, establishes drinking water standards and monitoring and reporting requirements for constituents.

The Water System has failed to report water quality monitoring results of primary drinking water constituents - inorganic, radiological, and secondary drinking water standards for Well 01 Cypress (Primary Station Code: 1502449-001), and for Well 02 (Primary Station Code: 1502449-002). Well 01 Cypress was last monitored for primary drinking water constituents – inorganics except for perchlorate, and secondary drinking water standards, on April 13, 2011. Well 01 Cypress was last monitored for perchlorate on May 28, 2008. Well 02 was last monitored for primary drinking water constituents – inorganics except for perchlorate, and secondary

drinking water standards, on March 9, 2011. Well 02 was last monitored for perchlorate on May 29, 2008. Well 01 Cypress and Well 02 were last monitored for radiological constituents (gross-alpha) on September 24, 2008. Under the provisions of Title 22, California Code of Regulations, the Water System was required to conduct perchlorate monitoring of Well 01 Cypress and Well 02 during the calendar year 2011. Under the provisions of Title 22, California Code of Regulations, the Water System was required to conduct nitrate monitoring of Well 01 Cypress and Well 02 during the calendar year 2012. Under the provisions of Title 22, California Code of Regulations, the Water System was required to conduct monitoring of primary drinking water constituents – inorganic except for perchlorate, and secondary drinking water standards during the calendar year 2014. Under the provisions of Title 22, California Code of Regulations, the Water System was required to conduct monitoring of radiological constituents (gross-alpha) during the calendar year 2014. As of the date of this citation, the Water System failed to conduct the above-mentioned monitoring during the above mentioned calendar years. A *Last and Next Sample Due Date* report from the State Board's database showing the source monitoring that is overdue is provided in Attachment B.

Under the provisions of Title 22, California Code of Regulations, the Water System was required to conduct triennial tap sampling for lead and copper during the summer months (June 1, 2016 – September 30, 2016) of 2016 at five tap sampling sites. As of the date of this citation, the Water System failed to conduct the lead and copper tap sampling in 2016.

Under the provision of Title 22, California Code of Regulations, the Water System is required to utilize a certified distribution operator to supervise the operation of the

distribution system. The Water System does not currently employ or utilize a certified water distribution operator and has failed to comply with the operator certification requirements in the past. The State Board previously issued Citation No. 03_19_16C_026, on May 3, 2016, for the same violation.

The State Board previously issued Citation No. 03_19_17C_002 on February 10, 2017, for the same above-mentioned violations. The Water System failed to respond to the previously issued citations, and the Water System has not shown the State Board that it has complied with the directives listed in the citation.

DETERMINATIONS

Based on the above Statement of Facts, the State Board has determined that the Water System has violated CHSC, Sections 116550 and 106885, and CCR, Sections 64432, 64442, and 64449, in that the Water System failed to report inorganic chemical, radiological, and secondary drinking water standards results for Well 01 Cypress (1502449-001), and Well 02 (1502449-002) during the calendar years mentioned under *Statement of Facts*. The Water System violated CCR, Section 64675, the lead and copper tap sampling regulations, by failing to conduct triennial lead and copper tap sampling which was due in 2016. The Water System violated CCR Section 63770 by failing to utilize a certified distribution operator to supervise the operation of the distribution system.

ADMINISTRATIVE PENALTIES

Section 116650(a) of the CHSC allows for the issuance of a citation for failure to comply with the requirements of the California Safe Drinking Water Act, or any regulation, permit, standards, citation, or order issued thereunder. Section

116650(d) and (e) allow for the assessment of a penalty not to exceed on thousand dollars ($1,000) per day for each day that a violation continues to occur. A separate penalty may be assessed for each violation.

Despite the State Board's efforts to work with the Water System, the Water System has repeatedly failed to comply with the provisions of the CHSC and Title 22, CCR by not conducting source monitoring, lead and copper tap monitoring, and utilizing a certified distribution operator. Therefore, the State Board hereby assesses an administrative penalty of one thousand and five hundred dollars ($1,500) upon the Water System. $500 is assessed for source chemical monitoring and reporting violations, $500 is assessed for lead and copper tap sampling violation, and $500 is assessed for distribution operator violation. Directive Nos. 9 and 10 below describe the requirements for payment of the Penalty and conditions under which the State Board may waive the requirement to pay the penalty.

DIRECTIVES

The Water System is hereby directed to take the following actions:

1. Cease and desist from violating the requirements of the CHSC Sections 116650 and 106885. Cease and desist from violating the requirements of the CCR, Sections 64432, 64442, 64449, 64675, and 63770.

2. On or before April 21, 2017, submit a written response to the State Board indicating its agreement to comply with the directives of this citation.

3. By May 26, 2017, The Water System shall conduct all Title 22, Chapter 15, Source Chemical Monitoring of Well 01 Cypress Well (PS Code: 1502449-001) and Well 02 (PS Code: 1502449-002). A *Last and Next Sample Due Date* report from the State Board's database showing the source monitoring that is overdue is provided in Attachment B.

4. The Water System shall ensure that the laboratory submits the analytical results to the State Board using the Electronic Data Transfer (EDT) no later than the 10th day of the month following completion of the analyses.

5. As part of the triennial sampling, the Water System shall collect five lead and copper tap samples between June 1, 2017 and June 30, 2017, to be analyzed for lead and copper, and continue triennial sampling afterwards, starting 2020, provided there is no exceedance of the respective action level for lead or copper. After conducting each round of monitoring, the Water System shall report the results to the State Board no later than the 10th day of the month following the sampling. A completed Form 141-AR (Attachment C) shall be submitted along with the results of each round of sampling. Results of the 2017 monitoring and a completed Form 141-AR shall be submitted to the State Board by July 10, 2017.

6. By May 31, 2017, the Water System shall contract or hire a certified distribution operator and submit written documentation to the State Board.

7. By April 30, 2017, provide Tier 2 public notification of the monitoring and reporting violations, and certified distribution operator violation to the

consumers served by the Water System, using the attached template (Attachment D).

8. Submit the attached (Attachment E) completed *Certification of Completion of Public Notification* Form to the State Board within 10 days of providing the public notification and no later than May 10, 2017.

9. Pay the Penalty of one thousand and five hundred dollars ($1,500) by July 7, 2017. Payment shall be made payable to the State Water Resources Control Board – Division of Drinking Water. Further instructions on submittal of the payment are provided in Attachment F, *Notice of Citation Issuance.*

10. If the Water System fully complies with Directives No. 1 through 8 before the payment becomes due, and upon a written request from the Water System, the State Board will consider, at its sole discretion, terminate the requirement to pay the penalty.

As used in this Citation, the date of issuance shall be the date of this Citation; and the date of service shall be the date of service of this Citation, by personal delivery or by certified mail, on the Water System

The State Board reserves the right to make such modifications to this Citation and/or to issue such further citation(s) as it may deem necessary to protect public health and safety. Such modifications may be issued as amendments to this Citation and shall be deemed effective upon issuance.

Nothing in this Citation relieves the Water System of its obligation to meet the requirements of the California Safe Drinking Water Act (SDWA), or any regulation, standard, permit or order issued thereunder.

PARTIES BOUND

This Citation shall apply to and be binding upon the Water System, its owners, shareholders, officers, directors, agents, employees, contractors, successors, and assignees.

SEVERABILITY

The Directives of this Citation are severable, and the Water System shall comply with each and every provision hereof, notwithstanding the effectiveness of any other provision.

FURTHER ENFORCEMENT ACTION

The California SDWA authorizes the State Board to: issue a citation with assessment of administrative penalties to a public water system for violation or continued violation of the requirements of the California SDWA or any regulation, permit, standard, citation, or order issued or adopted thereunder including, but not limited to, failure to correct a violation identified in a citation or compliance order. The California SDWA also authorizes the State Board to take action to suspend or revoke a permit that has been issued to a public water system if the public water system has violated applicable law or regulations or has failed to comply with an order of the State Board; and to petition the superior court to take various enforcement measures against a public water system that has failed to comply with

an order of the State Board. The State Board does not waive any further enforcement action by issuance of this Citation.

4-10-2017

Carl L. Carlucci, P.E., Chief
Central California Section
State Water Resources Control Board
Division of Drinking Water

Date

Certified Mail No. 7016 2070 0000 4896 4060

Attachments:

Attachment A: Copy of the Applicable Statues and Regulations
Attachment B: Last and Next Sample Due Date Report
Attachment C: Lead and Copper Guidance and Form 141-AR
Attachment D: Public Notice for LCR, Source Chemical Monitoring & Operator Certification
Attachment E: Certification of Completion of Public Notification
Attachment F: Notice of Citation Issuance

cc: Kern County Dept. of Public Health, Env. Health Services Division (w/out attachments)
Edward Comacho, Cypress Canyon Water Association, Water Quality Contact (via email)

Attachment A

Applicable Statutes and Regulations

APPLICABLE AUTHORITIES

CHSC, Section 116550 states in relevant part:

(a) If the State Board determines that a public water system is in violation of this chapter or any regulation, permit, standard, citation, or order issued or adopted thereunder, the State Board may issue a citation to the public water system. The citation shall be served upon the public water system personally or by certified mail. Service shall be deemed effective as of the date of personal service or the date of receipt of the certified mail. If a person to whom a citation is directed refuses to accept delivery of the certified mail, the date of service shall be deemed to be the date of mailing.

(b) Each citation shall be in writing and shall describe the nature of the violation or violations, including a reference to the statutory provision, standard, order, citation, permit, or regulation alleged to have been violated.

(c) A citation may specify a date for elimination or correction of the condition constituting the violation.

(d) A citation may include the assessment of a penalty as specified in subdivision (e).

(e) The State Board may assess a penalty in an amount not to exceed one thousand dollars ($1,000) per day for each day that a violation occurred, and for each day that a violation continues to occur. A separate penalty may be assessed for each violation.

CHSC, Section 116555(a) states in relevant part:

(a) Any person who owns a public water system shall ensure that the system does all of the following:

(1) Complies with primary and secondary drinking water standards.

CCR, Title 22, Section 64431 states in relevant part:

Public water systems shall comply with the primary MCLs in Table 64431-A as specified in this article.

Table 64431-A
Maximum Contaminant Levels
Inorganic Chemicals

Chemical	*Maximum Contaminant Level, mg/L*
Aluminum	1.
Antimony	0.006
Arsenic	0.010
Asbestos	7 MFL*

Chemical	*Maximum Contaminant Level, mg/L*
Barium	1.
Beryllium	0.004
Cadmium	0.005
Chromium	0.05
Cyanide	0.15
Fluoride	2.0
Hexavalent chromium	0.010
Mercury	0.002
Nickel	0.1
Nitrate (as NO3)**	45.**
Nitrate+Nitrite (sum as	10.
Nitrite (as nitrogen)	1.
Perchlorate	0.006
Selenium	0.05
Thallium	0.002

* MFL=million fibers per liter; MCL for fibers exceeding 10 um in length.
**Effective January 1, 2016, the MCL for nitrate is now expressed as nitrogen (N) with a value of 10 mg/L.

Title 22, CCR, Section 64432(c) states in relevant part:

(c) Unless more frequent monitoring is required pursuant to this Chapter, the frequency of monitoring for the inorganic chemicals listed in table 64431-A, except for asbestos, nitrate/nitrite, and perchlorate, shall be as follows:

> (1) Each compliance period, all community and nontransient-noncommunity systems using groundwater shall monitor once during the year designated by the State Board. The State Board will designate the year based on historical monitoring frequency and laboratory capacity. All community and nontransient-noncommunity systems using approved surface water shall monitor annually. All systems monitoring at distribution entry points which have combined surface and groundwater sources shall monitor annually.

Title 22, CCR, Section 64400.25 defines compliance period as:

"Compliance period" means a three-year calendar year period within a compliance cycle. Within the first compliance cycle, the first compliance period runs from January 1, 1993 to December 31, 1995; the second from January 1, 1996 to December 31, 1998; the third from January 1, 1999 to December 31, 2001.

Title 22, CCR, Section 64432.1 states in relevant part:

(a) To determine compliance with the MCL for nitrate in Table 64431-A, all public water systems using groundwater and transient-noncommunity systems using approved surface water shall monitor annually, and all community and nontransient-noncommunity systems using approved surface water shall monitor quarterly.

Title 22, CCR, Section 64432.3(c) states in relevant part:

(b) After meeting the initial monitoring requirements in subsection (a) and if no perchlorate is detected, during each compliance period each water system:

(1) Using groundwater, shall monitor once during the year designated by the State Board;

Title 22, CCR, Section 64432 states in relevant part:

(a) Each community and nontransient-noncommunity water system (system) shall comply with the primary MCLs in Table 64442 in the drinking water supplied to the public and use the DLRs for reporting monitoring results:

Table 64442
Radionuclide Maximum Contaminant Levels (MCLs)
And Detection Levels for Purposes of Reporting (DLRs)

Radionuclide	*MCL*	*DLR*
Radium-226	5 pCi/L (combined radium-226 & -228)	1 pCi/L
Radium-228		1 pCi/L
Gross Alpha particle activity (excluding radon and uranium)	15 pCi/L	3 pCi/L
Uranium	20 pCi/L	1 pCi/L

Title 22, CCR, Section 64442(d) states in relevant part:

(d) After initial monitoring, each system shall monitor for each radionuclide at each sampling site at a frequency determined by the monitoring result(s) [single sample result or average of sample results if more than one sample collected] from the most recent compliance period as follows:

(1) For nontransient-noncommunity water systems, the results for the total radium analyses shall be averaged.

(2) For community water systems, the results of radium-226 and radium-228 analyses shall be added and the average calculated.

(3) The values used for the radionuclide MCLs and DLRs shall be as specified in Table 64442.

(4) If the single sample result or average is:

A. Below the DLR, the system shall collect and analyze at least one sample every nine years (3 compliance periods).

B. At or above the DLR, but at or below ½ the MCL, the system shall collect and analyze at least one sample every six years.

C. Above ½ the MCL, but not above the MCL, the system shall collect and analyze at least one sample every three years.

Title 22, CCR, Section 64449(a) & Section 64449(b) states in relevant part:

(a) The secondary MCLs shown in Tables 64449-A and 64449-B shall not be exceeded in the water supplied to the public by community water systems.

Table 64449-A
Secondary Maximum Contaminant Levels
"Consumer Acceptance Contaminant Levels"

Constituents	*Maximum Contaminant Levels/Units*
Aluminum	0.2 mg/L
Color	15 Units
Copper	1.0 mg/L
Foaming Agents (MBAS)	0.5 mg/L
Iron	0.3 mg/L
Manganese	0.05 mg/L
Methyl-*tert*-butyl (MTBE)	0.005 mg/L
Odor – Threshold	3 Units
Silver	0.1 mg/L
Thiobencarb	0.001 mg/L
Turbidity	5 Units
Zinc	5.0 mg/L

Table 64449-B
Secondary Maximum Contaminant Levels
"Consumer Acceptance Contaminant Level Ranges"

	Maximum Contaminant Level Ranges		
Constituent, Units	*Recommended*	*Upper*	*Short Term*
Total Dissolved Solids, mg/L	500	1,000	1,500
or			
Specific Conductance, µS/cm	900	1,600	2,200
Chlorine, mg/L	250	500	600
Sulfate, mg/L	250	500	600

(b) Each community water system shall monitor its groundwater sources or distribution system entry points representative of the effluent of source treatment every three years and its approved surface water sources or distribution system entry points representative of the effluent of source treatment annually for the following:

(1) Secondary MCLs listed in Tables 64449-A and 64449-B; and

(2) Bicarbonate, carbonate, and hydroxide alkalinity, calcium, magnesium, sodium, pH, and total hardness.

Title 22, CCR, Section 64675 states in relevant part:

(a) During each period, each system shall conduct standard tap sampling by collecting one sample from the number of sites based on the number of people served specified in table 64675-A under Standard Tap Sampling.

(b)During each period, each system conducting reduced tap sampling shall collect at least one sample from the number of sites based on the number of people served specified in table 64675-A under Reduced Tap Sampling, as follows:

(1) The sites shall be representative of the sites required for standard tap sampling.

(2) The samples shall be collected during the months of June, July, August, or September, unless the Department approves an alternate set of four months based on a review of the system's operations and lead and copper data, in which case the system shall initiate sampling during the alternate set of four months when directed in writing to do so by the Department, as follows:

(A) No later than 21 months after the previous period, if sampling annually, or

(B) No later than 45 months after the previous period, if sampling triennially.

Table 64675-A
Lead and Copper Tap Sampling Sites

System Size	Standard Tap Sampling (Minimum Number of Sites)	Reduced Tap Sampling (Minimum Number of Sites)
>100,000	100	50
10,001 to 100,000	60	30
3,301 to 10,000	40	20
501 to 3,300	20	10
101 to 500	10	5
<101	5	5

(c)Sample sites shall be selected pursuant to section 64676 (Sample Site Selection).

Title 22, CCR, Section 64675.5 states in relevant part:

(a) A system shall conduct standard tap sampling for two consecutive periods; thereafter, tap sampling frequency may be reduced pursuant to section 64675 (General Requirements for Tap Sampling for Lead and Copper) as follows:

(1) If a system has 90th percentile levels that do not exceed 0.005 mg/L for lead and 0.65 mg/L for copper for two consecutive periods, it may reduce the sampling to once every three years at the reduced number of sites;

(2) For systems that do not meet the criteria in paragraph (1), after two consecutive periods with no action level exceedance, the frequency may be reduced to annually at the reduced number of sites, if the system receives written approval from the Department based on its review of the system's data. After sampling for three years (including the initial sampling year) with no action level exceedance, the frequency may be reduced to once every three years at the reduced number of sites, if the system receives written approval from the Department.

(b) If a system demonstrates for two consecutive periods that the difference between the 90th percentile tap sampling lead level and the highest source water monitoring result for each period is less than the reporting level for purposes of reporting (DLR), pursuant to subsections 64678(a), (b), and (c) or that the source water lead levels are below the method detection level of 0.001 mg/L and the 90th percentile lead level is equal to or less than the DLR for each period, the system shall conduct tap sampling once every three years.

CHSC, Section 106885(b) states in relevant part:

(b) All persons who are in responsible charge of the water distribution system of a community water system or a nontransient noncommunity water system shall possess a valid and current water distribution operator certificate of the appropriate grade in accordance with the regulations referred to in Section 106910.

Title 22, CCR, Section 63770(b), (c), and (d) states in relevant part:

(b) Water systems shall utilize only certified distribution operators to make decisions addressing the following operational activities:

(1) Install, tap, re-line, disinfect, test and connect water mains and appurtenances.

(2) Shutdown, repair, disinfect and test broken water mains.

(3) Oversee the flushing, cleaning, and pigging of existing water mains.

(4) Pull, reset, rehabilitate, disinfect and test domestic water wells.

(5) Stand-by emergency response duties for after hours distribution system operational emergencies.

(6) Drain, clean, disinfect, and maintain distribution reservoirs.

(c) Water systems shall utilize either certified distribution operators or treatment operators that have been trained to make decisions addressing the following operational activities:

(1) Operate pumps and related flow and pressure control and storage facilities manually or by using a system control and data acquisition (SCADA) system.

(2) Maintain and/or adjust system flow and pressure requirements, control flows to meet consumer demands including fire flow demands and minimum pressure requirements.

(d) Water systems shall utilize either certified distribution operators or treatment operators to make decisions addressing the following operational activities:

(1) Determine and control proper chemical dosage rates for wellhead disinfection and distribution residual maintenance.

(2) Investigate water quality problems in the distribution system.

Attachment B

Last and Next Sample Due Date Report

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 1502449 NAME: CYPRESS CANYON WATER SYSTEM COUNTY: KERN

SOURCE NO: 001 NAME: WELL 01 CYPRESS WELL CLASS: CTGD STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION		LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
1502449 - 001		**CYPRESS CANYON WATER SYSTEM**		**001**	**WELL 01 CYPRESS WELL**								
	GP	**SECONDARY/GP**											
	00440	BICARBONATE ALKALINITY		290.0000	MG/L	--------	--------	2011/04/13	7	36		2014/04	DUE NOW
	00916	CALCIUM		110.0000	MG/L	--------	--------	2011/04/13	7	36		2014/04	DUE NOW
	00445	CARBONATE ALKALINITY	<	10.0000	MG/L	--------	--------	2011/04/13	7	36		2014/04	DUE NOW
	00940	CHLORIDE		16.0000	MG/L	500	--------	2011/04/13	7	36		2014/04	DUE NOW
	00081	COLOR	<	3.0000	UNITS	15	--------	2011/04/13	7	36		2014/04	DUE NOW
	01042	COPPER	<	50.0000	UG/L	1000	50	2011/04/13	7	36		2014/04	DUE NOW
	38260	FOAMING AGENTS (MBAS)	<	.0500	MG/L	.5	--------	2011/04/13	7	36		2014/04	DUE NOW
	00900	HARDNESS (TOTAL) AS CACO3		390.0000	MG/L	--------	--------	2011/04/13	7	36		2014/04	DUE NOW
	71830	HYDROXIDE ALKALINITY	<	10.0000	MG/L	--------	--------	2011/04/13	7	36		2014/04	DUE NOW
	01045	IRON	<	100.0000	UG/L	300	100	2011/04/13	7	36		2014/04	DUE NOW
	00927	MAGNESIUM		30.0000	MG/L	--------	--------	2011/04/13	7	36		2014/04	DUE NOW
	01055	MANGANESE	<	20.0000	UG/L	50	20	2011/04/13	7	36		2014/04	DUE NOW
	00086	ODOR THRESHOLD @ 60 C	<	1.0000	TON	3	1	2011/04/13	7	36		2014/04	DUE NOW
	00403	PH, LABORATORY		7.6300		--------	--------	2011/04/13	7	36		2014/04	DUE NOW
	01077	SILVER	<	10.0000	UG/L	100	10	2011/04/13	7	36		2014/04	DUE NOW
	00929	SODIUM	<	7.0000	MG/L	--------	--------	2011/04/13	7	36		2014/04	DUE NOW
	00095	SPECIFIC CONDUCTANCE		810.0000	US	1600	--------	2011/04/13	7	36		2014/04	DUE NOW
	00945	SULFATE		140.0000	MG/L	500	.5	2011/04/13	7	36		2014/04	DUE NOW
	70300	TOTAL DISSOLVED SOLIDS		550.0000	MG/L	1000	--------	2011/04/13	7	36		2014/04	DUE NOW
	82079	TURBIDITY, LABORATORY		.2000	NTU	5	.1	2011/04/13	7	36		2014/04	DUE NOW
	01092	ZINC		11000.0000	UG/L	5000	50	2011/04/13	7	36		2014/04	DUE NOW
	IO	**INORGANIC**											
	01105	ALUMINUM	<	50.0000	UG/L	1000	50	2011/04/13	7	36		2014/04	DUE NOW
	01097	ANTIMONY	<	2.0000	UG/L	6	6	2011/04/13	5	36		2014/04	DUE NOW
	01002	ARSENIC		2.1000	UG/L	10	2	2011/04/13	7	36		2014/04	DUE NOW

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 1502449 NAME: CYPRESS CANYON WATER SYSTEM COUNTY: KERN

SOURCE NO: NAME: WELL 01 CYPRESS WELL CLASS: CTGD STATUS: Active

PSCODE	GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
1502449 - 001	**IO**	**INORGANIC**											
	81855	ASBESTOS	<	.0000	MFL	7	.2	2013/08/13	3	108		2022/08	
	01007	BARIUM	<	100.0000	UG/L	1000	100	2011/04/13	7	36		2014/04	DUE NOW
	01012	BERYLLIUM	<	1.0000	UG/L	4	1	2011/04/13	5	36		2014/04	DUE NOW
	01027	CADMIUM	<	1.0000	UG/L	5	1	2011/04/13	7	36		2014/04	DUE NOW
	01034	CHROMIUM (TOTAL)	<	10.0000	UG/L	50	10	2011/04/13	7	36		2014/04	DUE NOW
	01032	CHROMIUM, HEXAVALENT			UG/L	10	1		0	0		2017/04	DUE NOW
	00951	FLUORIDE (F) (NATURAL-SOURCE)	<	.1000	MG/L	2	.1	2011/04/13	7	36		2014/04	DUE NOW
	71900	MERCURY	<	.2000	UG/L	2	1	2011/04/13	7	36		2014/04	DUE NOW
	01067	NICKEL	<	10.0000	UG/L	100	10	2011/04/13	5	36		2014/04	DUE NOW
	A-031	PERCHLORATE	<	4.0000	UG/L	6	4	2008/05/28	2	36		2011/05	DUE NOW
	01147	SELENIUM		4.5000	UG/L	50	5	2011/04/13	7	36		2014/04	DUE NOW
	01059	THALLIUM	<	1.0000	UG/L	2	1	2011/04/13	5	36		2014/04	DUE NOW
	NI	**NITRATE/NITRITE**											
	00618	NITRATE (as N) - [see 71850]		N/A	mg/L	10	.4	2011/04/13	14	12		2012/04	DUE NOW
	00620	NITRITE (AS N)	<	400.0000	UG/L	1000	400	2011/04/13	4	36		2014/04	DUE NOW
	RA	**RADIOLOGICAL**											
	01501	GROSS ALPHA		1.6600	PCI/L	15	3	2008/09/24	21	72	M	2014/09	DUE NOW
	S1	**REGULATED VOC**											
	34506	1,1,1-TRICHLOROETHANE	<	.5000	UG/L	200	.5	2011/04/13	7	72		2017/04	DUE NOW
	34516	1,1,2,2-TETRACHLOROETHANE	<	.5000	UG/L	1	.5	2011/04/13	8	72		2017/04	DUE NOW
	34511	1,1,2-TRICHLOROETHANE	<	.5000	UG/L	5	.5	2011/04/13	7	72		2017/04	DUE NOW
	34496	1,1-DICHLOROETHANE	<	.5000	UG/L	5	.5	2011/04/13	7	72		2017/04	DUE NOW
	34501	1,1-DICHLOROETHYLENE	<	.5000	UG/L	6	.5	2011/04/13	7	72		2017/04	DUE NOW
	34551	1,2,4-TRICHLOROBENZENE	<	.5000	UG/L	5	.5	2011/04/13	4	72		2017/04	DUE NOW
	34536	1,2-DICHLOROBENZENE	<	.5000	UG/L	600	.5	2011/04/13	7	72		2017/04	DUE NOW

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 1502449 NAME: CYPRESS CANYON WATER SYSTEM COUNTY: KERN

SOURCE NO: NAME: WELL 01 CYPRESS WELL CLASS: CTGD STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
1502449 - 001	**S1**	34531	1,2-DICHLOROETHANE	<	.5000	UG/L	.5	.5	2011/04/13	7	72		2017/04	DUE NOW
		34541	1,2-DICHLOROPROPANE	<	.5000	UG/L	5	.5	2011/04/13	7	72		2017/04	DUE NOW
		34561	1,3-DICHLOROPROPENE (TOTAL)	<	.5000	UG/L	.5	.5	2011/04/13	5	72		2017/04	DUE NOW
		34571	1,4-DICHLOROBENZENE	<	.5000	UG/L	5	.5	2011/04/13	7	72		2017/04	DUE NOW
		34030	BENZENE	<	.5000	UG/L	1	.5	2011/04/13	7	72		2017/04	DUE NOW
		32102	CARBON TETRACHLORIDE	<	.5000	UG/L	.5	.5	2011/04/13	7	72		2017/04	DUE NOW
		77093	CIS-1,2-DICHLOROETHYLENE	<	.5000	UG/L	6	.5	2011/04/13	6	72		2017/04	DUE NOW
		34423	DICHLOROMETHANE	<	.5000	UG/L	5	.5	2011/04/13	7	72		2017/04	DUE NOW
		34371	ETHYLBENZENE	<	.5000	UG/L	300	.5	2011/04/13	7	72		2017/04	DUE NOW
		46491	METHYL-TERT-BUTYL-ETHER (MTBE)	<	.5000	UG/L	13	3	2011/04/13	3	72	M	2017/04	DUE NOW
		34301	MONOCHLOROBENZENE	<	.5000	UG/L	70	.5	2011/04/13	7	72		2017/04	DUE NOW
		77128	STYRENE	<	.5000	UG/L	100	.5	2011/04/13	5	72		2017/04	DUE NOW
		34475	TETRACHLOROETHYLENE	<	.5000	UG/L	5	.5	2011/04/13	8	72		2017/04	DUE NOW
		34010	TOLUENE	<	.5000	UG/L	150	.5	2011/04/13	7	72		2017/04	DUE NOW
		34546	TRANS-1,2-DICHLOROETHYLENE	<	.5000	UG/L	10	.5	2011/04/13	7	72		2017/04	DUE NOW
		39180	TRICHLOROETHYLENE	<	.5000	UG/L	5	.5	2011/04/13	7	72		2017/04	DUE NOW
		34488	TRICHLOROFLUOROMETHANE	<	.5000	UG/L	150	5	2011/04/13	7	72		2017/04	DUE NOW
		81611	TRICHLOROTRIFLUOROETHANE (FREON 113)	<	.5000	UG/L	1200	10	2011/04/13	6	72		2017/04	DUE NOW
		39175	VINYL CHLORIDE	<	.5000	UG/L	.5	.5	2011/04/13	7	72		2017/04	DUE NOW
		81551	XYLENES (TOTAL)	<	.5000	UG/L	1750		2011/04/13	7	72		2017/04	DUE NOW
	S2	**REGULATED SOC**												
		39033	ATRAZINE	<	.0000	UG/L	1	.5	2005/04/18	3	108		2014/04	DUE NOW
		39055	SIMAZINE	<	.0000	UG/L	4	1	2005/04/18	3	108		2014/04	DUE NOW

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 1502449 NAME: CYPRESS CANYON WATER SYSTEM COUNTY: KERN

SOURCE NO: 002 NAME: WELL 02 CLASS: CTGD STATUS: Active

PSCODE	GROUP/CONSTITUENT IDENTIFICATION		LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
1502449 - 002	**CYPRESS CANYON WATER SYSTEM**		**002**	**WELL 02**								
GP	**SECONDARY/GP**											
00440	BICARBONATE ALKALINITY		240.0000	MG/L	--------	--------	2011/03/09	3	36		2014/03	DUE NOW
00916	CALCIUM		110.0000	MG/L	--------	--------	2011/03/09	3	36		2014/03	DUE NOW
00445	CARBONATE ALKALINITY	<	10.0000	MG/L	--------	--------	2011/03/09	3	36		2014/03	DUE NOW
00940	CHLORIDE		13.0000	MG/L	500	--------	2011/03/09	3	36		2014/03	DUE NOW
00081	COLOR		10.0000	UNITS	15	--------	2011/03/09	3	36		2014/03	DUE NOW
01042	COPPER	<	50.0000	UG/L	1000	50	2011/03/09	3	36		2014/03	DUE NOW
38260	FOAMING AGENTS (MBAS)	<	.0500	MG/L	.5	--------	2011/03/09	3	36		2014/03	DUE NOW
00900	HARDNESS (TOTAL) AS CACO3		400.0000	MG/L	--------	--------	2011/03/09	3	36		2014/03	DUE NOW
71830	HYDROXIDE ALKALINITY	<	10.0000	MG/L	--------	--------	2011/03/09	3	36		2014/03	DUE NOW
01045	IRON		640.0000	UG/L	300	100	2011/03/09	3	36		2014/03	DUE NOW
00927	MAGNESIUM		34.0000	MG/L	--------	--------	2011/03/09	3	36		2014/03	DUE NOW
01055	MANGANESE		48.0000	UG/L	50	20	2011/03/09	3	36		2014/03	DUE NOW
00086	ODOR THRESHOLD @ 60 C	<	1.0000	TON	3	1	2011/03/09	3	36		2014/03	DUE NOW
00403	PH, LABORATORY		7.5200		--------	--------	2011/03/09	3	36		2014/03	DUE NOW
01077	SILVER	<	10.0000	UG/L	100	10	2011/03/09	3	36		2014/03	DUE NOW
00929	SODIUM		25.0000	MG/L	--------	--------	2011/03/09	3	36		2014/03	DUE NOW
00095	SPECIFIC CONDUCTANCE		740.0000	US	1600	--------	2011/03/09	3	36		2014/03	DUE NOW
00945	SULFATE		130.0000	MG/L	500	.5	2011/03/09	3	36		2014/03	DUE NOW
70300	TOTAL DISSOLVED SOLIDS		500.0000	MG/L	1000	--------	2011/03/09	3	36		2014/03	DUE NOW
82079	TURBIDITY, LABORATORY		2.6000	NTU	5	.1	2011/03/09	3	36		2014/03	DUE NOW
01092	ZINC		870.0000	UG/L	5000	50	2011/03/09	3	36		2014/03	DUE NOW
IO	**INORGANIC**											
01105	ALUMINUM	<	50.0000	UG/L	1000	50	2011/03/09	3	36		2014/03	DUE NOW
01097	ANTIMONY	<	2.0000	UG/L	6	6	2011/03/09	3	36		2014/03	DUE NOW
01002	ARSENIC		3.9000	UG/L	10	2	2011/03/09	3	36		2014/03	DUE NOW

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 1502449 NAME: CYPRESS CANYON WATER SYSTEM COUNTY: KERN

SOURCE NO: NAME: WELL 02 CLASS: CTGD STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION		LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
1502449 - 002	**IO**	**INORGANIC**											
	81855	ASBESTOS	<	.0000	MFL	7	.2	2013/08/13	2	108		2022/08	
	01007	BARIUM	<	100.0000	UG/L	1000	100	2011/03/09	3	36		2014/03	DUE NOW
	01012	BERYLLIUM	<	1.0000	UG/L	4	1	2011/03/09	3	36		2014/03	DUE NOW
	01027	CADMIUM	<	1.0000	UG/L	5	1	2011/03/09	3	36		2014/03	DUE NOW
	01034	CHROMIUM (TOTAL)	<	10.0000	UG/L	50	10	2011/03/09	3	36		2014/03	DUE NOW
	01032	CHROMIUM, HEXAVALENT			UG/L	10	1		0	0		2017/04	DUE NOW
	00951	FLUORIDE (F) (NATURAL-SOURCE)		.1200	MG/L	2	.1	2011/03/09	3	36		2014/03	DUE NOW
	71900	MERCURY	<	.2000	UG/L	2	1	2011/03/09	3	36		2014/03	DUE NOW
	01067	NICKEL	<	10.0000	UG/L	100	10	2011/03/09	3	36		2014/03	DUE NOW
	A-031	PERCHLORATE	<	4.0000	UG/L	6	4	2008/05/29	2	36		2011/05	DUE NOW
	01147	SELENIUM	<	2.0000	UG/L	50	5	2011/03/09	3	36		2014/03	DUE NOW
	01059	THALLIUM	<	1.0000	UG/L	2	1	2011/03/09	3	36		2014/03	DUE NOW
	NI	**NITRATE/NITRITE**											
	00618	NITRATE (as N) - [see 71850]		N/A	mg/L	10	.4	2011/03/09	5	12		2012/03	DUE NOW
	00620	NITRITE (AS N)	<	400.0000	UG/L	1000	400	2011/03/09	3	36		2014/03	DUE NOW
	RA	**RADIOLOGICAL**											
	01501	GROSS ALPHA		1.5600	PCI/L	15	3	2008/09/24	7	72	M	2014/09	DUE NOW
	S1	**REGULATED VOC**											
	34506	1,1,1-TRICHLOROETHANE	<	.5000	UG/L	200	.5	2011/03/09	2	72		2017/03	DUE NOW
	34516	1,1,2,2-TETRACHLOROETHANE	<	.5000	UG/L	1	.5	2011/03/09	2	72		2017/03	DUE NOW
	34511	1,1,2-TRICHLOROETHANE	<	.5000	UG/L	5	.5	2011/03/09	2	72		2017/03	DUE NOW
	34496	1,1-DICHLOROETHANE	<	.5000	UG/L	5	.5	2011/03/09	2	72		2017/03	DUE NOW
	34501	1,1-DICHLOROETHYLENE	<	.5000	UG/L	6	.5	2011/03/09	2	72		2017/03	DUE NOW
	34551	1,2,4-TRICHLOROBENZENE	<	.5000	UG/L	5	.5	2011/03/09	2	72		2017/03	DUE NOW
	34536	1,2-DICHLOROBENZENE	<	.5000	UG/L	600	.5	2011/03/09	2	72		2017/03	DUE NOW

LAST SAMPLE DATE AND MONITORING SCHEDULE

SYSTEM NO: 1502449 NAME: CYPRESS CANYON WATER SYSTEM COUNTY: KERN

SOURCE NO: NAME: WELL 02 CLASS: CTGD STATUS: Active

PSCODE		GROUP/CONSTITUENT IDENTIFICATION			LAST RESULT	UNITS	MCL	DLR	LAST SAMPLE	COUNT	FREQ MONTHS	MOD	NEXT SAMPLE DUE	NOTES
1502449 - 002	S1	34531	1,2-DICHLOROETHANE	<	.5000	UG/L	.5	.5	2011/03/09	2	72		2017/03	DUE NOW
		34541	1,2-DICHLOROPROPANE	<	.5000	UG/L	5	.5	2011/03/09	2	72		2017/03	DUE NOW
		34561	1,3-DICHLOROPROPENE (TOTAL)	<	.5000	UG/L	.5	.5	2011/03/09	2	72		2017/03	DUE NOW
		34571	1,4-DICHLOROBENZENE	<	.5000	UG/L	5	.5	2011/03/09	2	72		2017/03	DUE NOW
		34030	BENZENE	<	.5000	UG/L	1	.5	2011/03/09	2	72		2017/03	DUE NOW
		32102	CARBON TETRACHLORIDE	<	.5000	UG/L	.5	.5	2011/03/09	2	72		2017/03	DUE NOW
		77093	CIS-1,2-DICHLOROETHYLENE	<	.5000	UG/L	6	.5	2011/03/09	2	72		2017/03	DUE NOW
		34423	DICHLOROMETHANE	<	.5000	UG/L	5	.5	2011/03/09	2	72		2017/03	DUE NOW
		34371	ETHYLBENZENE	<	.5000	UG/L	300	.5	2011/03/09	2	72		2017/03	DUE NOW
		46491	METHYL-TERT-BUTYL-ETHER (MTBE)	<	.5000	UG/L	13	3	2011/03/09	3	72	M	2017/03	DUE NOW
		34301	MONOCHLOROBENZENE	<	.5000	UG/L	70	.5	2011/03/09	2	72		2017/03	DUE NOW
		77128	STYRENE	<	.5000	UG/L	100	.5	2011/03/09	2	72		2017/03	DUE NOW
		34475	TETRACHLOROETHYLENE	<	.5000	UG/L	5	.5	2011/03/09	2	72		2017/03	DUE NOW
		34010	TOLUENE	<	.5000	UG/L	150	.5	2011/03/09	2	72		2017/03	DUE NOW
		34546	TRANS-1,2-DICHLOROETHYLENE	<	.5000	UG/L	10	.5	2011/03/09	2	72		2017/03	DUE NOW
		39180	TRICHLOROETHYLENE	<	.5000	UG/L	5	.5	2011/03/09	2	72		2017/03	DUE NOW
		34488	TRICHLOROFLUOROMETHANE	<	.5000	UG/L	150	5	2011/03/09	2	72		2017/03	DUE NOW
		81611	TRICHLOROTRIFLUOROETHANE (FREON 113)	<	.5000	UG/L	1200	10	2011/03/09	2	72		2017/03	DUE NOW
		39175	VINYL CHLORIDE	<	.5000	UG/L	.5	.5	2011/03/09	2	72		2017/03	DUE NOW
		81551	XYLENES (TOTAL)	<	.5000	UG/L	1750		2011/03/09	2	72		2017/03	DUE NOW
	S2	REGULATED SOC												
		39033	ATRAZINE	<	.0000	UG/L	1	.5	2004/09/07	1	108		2013/09	DUE NOW
		39055	SIMAZINE	<	.0000	UG/L	4	1	2004/09/07	1	108		2013/09	DUE NOW

Attachment C

Lead and Copper Guidance Document and Form 141-AR

Lead and Copper Rule Sampling Guidance

For Small Water Systems (serving 3,300 persons or fewer)

Prepared by: State Water Resources Control Board – Division of Drinking Water
Southern California Field Operations Branch
Tehachapi District
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This guidance document was developed to help small water systems comply with the California Lead and Copper Rule. The Lead and Copper Rule requires community and nontransient-noncommunity water systems to monitor lead and copper levels at the consumers' taps. If action levels are exceeded, installation of corrosion control treatment is required. If the action level for lead is exceeded, public notification is required.

Lead Action Level = 0.015 mg/L
Copper Action Level = 1.3 mg/L

Compliance with the lead and copper action levels is based on the 90th percentile lead and copper levels. This means that the concentration of lead and copper must be less than or equal to the action level in at least 90% of the samples collected.

To help explain how to comply with the California Lead and Copper Rule, information on the following topics is included in this document:

Section 1 - Number of Tap Sample Sites Required
Section 2 - When to Sample
Section 3 - Where to Sample
Section 4 - How to Sample
Section 5 - How to Calculate the 90th Percentile Lead and Copper Levels
Section 6 - What to Do if You Exceed the Lead or Copper Action Level
Section 7 - How to Report Your Sample Results
Section 8 - Monitoring Waivers

Attachments to this document include:

1. "Homeowner Tap Sample Collection Procedures"
2. "Lead and Copper Results Worksheet"
3. Form 141-AR "Lead and Copper Rule Sampling Report"

Section 1. Number of Tap Sample Sites Required

The number of tap sample sites required is shown in Table 1, and is based on the population served by your water system and if you are performing Standard or Reduced Monitoring.

Table 1. Minimum Number of Tap Sample Sites Required

	Minimum Number of Tap Sample Sites	
System Population	Standard Monitoring	Reduced Monitoring
501 to 3,300	20	10
101 to 500	10	5
Less than 101	5	5

Section 2. When to Sample

- Standard Monitoring:

  Each water system must complete at least two consecutive 6-month Standard Monitoring periods with no exceedance of the lead or copper action level before the frequency of sampling can be reduced. During each 6-month Standard Monitoring period, you must collect at least one tap sample from the number of sites shown in Table 1 under Standard Monitoring.

  Therefore, during your first year of sampling, collect a set of samples in the first six months and a set of samples in the second six months. Samples must be analyzed for both lead and copper.

  If at any time your 90th percentile lead or copper level exceeds the action level, you must contact this office for further guidance.

- Reduced Monitoring:

  If you have completed two consecutive 6-month Standard Monitoring periods and the 90th percentile levels do not exceed 0.005 mg/L for lead and 0.65 mg/L for copper, you may reduce the number of tap sample sites as shown in Table 1, under Reduced Monitoring, and reduce the frequency at which you sample to once every three years.

  If you have completed two consecutive 6-month Standard Monitoring periods and the 90th percentile levels are greater than 0.005 mg/L for lead and 0.65 mg/L for copper, but do not exceed the lead or copper action levels, you may reduce the number of tap sample sites as shown in Table 1, under Reduced Monitoring. You may also reduce the frequency at which you collect the samples to annual monitoring for two more years.

  In the second and third years of sampling, collect one set of samples during the month of June, July, August or September. Samples must be analyzed for both lead and copper. After completing the third year of sampling, if there has been no exceedance of the lead or copper action level, collect one set of samples every three years during the month of June, July, August or September. Again, samples must be analyzed for both lead and copper.

  If at any time your 90th percentile lead or copper level exceeds the action level, you must contact this office for further guidance.

Section 3. Where to Sample

Notes:
1. If lead service lines are present in the distribution system, at least half of the samples must come from the sites served by lead service lines.
2. Do not sample from homes or buildings that have point-of-use treatment (e.g., water softener, carbon filter system, etc.).
3. Each round of sampling should be conducted at the same sampling sites. If an original sampling site is not available, you should collect a tap sample from another site meeting the same Tier criteria as the original site.

- Community Water Systems:

  Lead and copper tap samples must be collected from sampling locations that meet the following criteria:

  Tier 1 - Single-family structures that contain:
  a) Lead pipes or
  b) Copper pipes with lead solder installed after 1982 or
  c) Pipes served by lead service lines.

  If there are not enough Tier 1 sites available, samples must meet the following criteria:

  Tier 2 - Buildings and multiple-family residences that contain:
  a) Lead pipes or
  b) Copper pipes with lead solder installed after 1982 or
  c) Pipes served by lead service lines.

  If there are not enough Tier 1 and Tier 2 sites available, samples must meet the following criteria:

  Tier 3 - Single-family structures that contain copper pipes with lead solder installed before 1983.

  If there are not enough Tier 1, Tier 2, and Tier 3 sites available, samples must be collected from representative sites (i.e., plumbing materials commonly found at other sites) throughout the distribution system.

- Nontransient-Noncommunity Water Systems:

  Lead and copper tap samples must be collected from sampling locations that meet the following criteria:

  Tier 1 - Buildings that contain:
  a) Lead pipes or
  b) Copper pipes with lead solder installed after 1982 or
  c) Pipes served by lead service lines.

  If there are not enough Tier 1 sites available, samples must meet the following criteria:

  Tier 2 - Buildings that contain copper pipes with lead solder installed before 1983.

  If additional sites are needed to complete the sampling pool, samples must be collected from representative sites.

Section 4. How to Sample

Depending on the type of water system you operate, the following options are available for sample collection:

a) You can collect the samples yourself using the procedures outlined below, or

b) Residents of the water system can collect the samples for you. Letters are usually sent to find volunteers to participate in the sampling program. The attached sample collection instruction sheet must be sent to each participant. Residents collect the samples and complete the bottom portion of the instruction sheet. You collect the filled sample bottles and the completed instruction sheets from the residents. Sample bottles are then transported to the laboratory for analysis.

Sample Procedures:

1) Samples from residential housing are to be taken from a kitchen or bathroom cold-water faucet. Do not sample from faucets that have point-of-use treatment (e.g., water softener, carbon filter system, etc.). Samples from a non-residential building are to be collected from an interior tap from which water is typically drawn for consumption.

2) Each sample must be collected after the water has stood undisturbed in the pipes for at least 6 hours. It is best to collect the sample first thing in the morning.

3) Each sample must be one liter in volume and must contain the first water drawn from the faucet.

4) Remove the cap from the one-liter sample bottle, place the container directly below the faucet and gently open the cold-water tap. Fill the sample bottle to the line marked "1-liter or 1,000-ml" and turn off the water.

   Tightly cap the sample bottle and complete the required information on the sample bottle label.

5) All samples must be analyzed by a laboratory certified by the State to perform drinking water lead and copper analyses.

Section 5. How to Calculate the 90th Percentile Lead and Copper Levels

Complete the attached "Lead and Copper Results Worksheet". If your 90th percentile lead level is greater than 0.015 mg/l, you have exceeded the action level. If your 90th percentile copper level is greater than 1.3 mg/l, you have exceeded the action level.

Section 6. What to Do if You Exceed the Lead or Copper Action Level

If your 90th percentile lead or copper level exceeds the action level, you must contact this office for further guidance.

Section 7. How to Report Your Sample Results

Upon completion of each sampling period, the following items must be submitted to the State Water Resources Control Board, Division of Drinking Water, Tehachapi District Office:

1) A fully completed Form 141-AR (copy attached).
2) Laboratory copies of all sample results.
3) Completed "Lead and Copper Results Worksheet".

Section 8. Monitoring Waivers

You may apply to the Division for a waiver to reduce the tap sampling frequency for lead and copper to once every **nine** years. If you meet the following materials and monitoring criteria for both lead and copper, a full waiver will be granted. If you meet the materials and monitoring criteria for only one of the chemicals, a partial waiver that covers only that chemical will be granted.

- Materials Criteria:

  You must provide certification and documentation that the distribution system and service lines and all drinking water supply plumbing, including plumbing conveying drinking water within all residences and buildings connected to the system, satisfy the following:

  For lead, the system must be free of plastic pipes that contain lead plasticizers or plastic service lines that contain lead plasticizers, lead service lines, lead pipes, lead-soldered pipe joints, and leaded brass or bronze alloy fittings and fixtures, unless you can demonstrate that such fittings and fixtures will not leach lead into the drinking water.

  For copper, the system must be free of copper pipes and copper service lines.

- Monitoring Criteria:

  You must have conducted standard tap sampling for at least one six-month period and demonstrate that the 90^{th} percentile levels for all periods of tap sampling conducted since the water system became free of all lead-containing and/or copper-containing materials do not exceed 0.005 mg/L for lead and 0.65 mg/L for copper. You must continue monitoring at the required frequency (Standard Monitoring or Reduced Monitoring) until a waiver is granted.

Homeowner Tap Sample Collection Procedures

Revised Version: February 2016

These samples are being collected to determine the lead and copper levels in your tap water. This sampling effort is required by the U.S. Environmental Protection Agency and your state, and is being accomplished through the cooperation of homeowners and residents.

Tap Sample Collection Procedures:

1) Prior arrangements will be made to coordinate the sample collection event. Dates will be set for sample bottle delivery and pick-up by water system staff.
2) There must be a minimum of 6 hours during which there is no water used from the tap where the sample will be collected and any taps adjacent or close to that tap. Either early mornings or evenings upon returning home are the best sampling times to ensure that the necessary stagnant water conditions exist. Do not intentionally flush the water line before the start of the 6 hour period.
3) Use a kitchen or bathroom cold-water faucet for sampling. If you have water softeners on your kitchen taps, collect your sample from the bathroom tap that is not attached to a water softener, or a point of use filter, if possible. Do not remove the aerator prior to sampling. Place the opened sample bottle below the faucet and open the cold water tap as you would do to fill a glass of water. Fill the sample bottle to the line marked "1000-mL" and turn off the water.
4) Tightly cap the sample bottle and place in the sample kit provided. Please review the sample kit label at this time to ensure that all information contained on the label is correct.
5) If any plumbing repairs or replacement has been done in the home since the previous sampling event, note this information on the label as provided. Also if your sample was collected from a tap with a water softener, note this as well.
6) Place the sample kit in the same location the kit was delivered to so that water system staff may pick up the sample kit.
7) Results from this monitoring effort and information about lead will be provided to you as soon as practical but no later than 30 days after the system learns of the tap monitoring results. However, if excessive lead and/or copper levels are found, immediate notification will be provided (usually 1-2 working days after the system learns of the tap monitoring results).

If you have any questions regarding these directions, call:

_____
Contact Name

_____
Water System Name

_____
Phone Number

To Be Completed By Resident

Water was last used: Time_____ Date_____

Sample was collected: Time_____ Date_____

Sample Location & Faucet (e.g. Bathroom sink) _____

I have read the above directions and have taken a sample in accordance with these directions.

_____ _____

Signature *Date*

Lead and Copper Results Worksheet

System Name: _____ Sample Date(s): _____

Determine the 90th percentile lead and copper levels:

1. List all of the samples in Table 1 below.
2. Determine the 90th percentile lead level by following the instructions given in Table 2.

   Write down the 90th percentile level for lead = _____ mg/L

   If the 90th percentile lead level is greater than 0.015 mg/L, you have exceeded the action level.
3. Determine the 90th percentile copper level by following the instructions given in Table 2.

   Write down the 90th percentile level for copper = _____ mg/L

   If the 90th percentile copper level is greater than 1.3 mg/L, you have exceeded the action level.

Table 1 - Sample Results

	Sample Address	Lead Level (mg/L)	Copper Level (mg/L)
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

Table 2 - Determining the 90th Percentile Lead or Copper Level

Number of Tap Samples Collected	How to Determine the 90th Percentile Lead or Copper Level
5	Average the 4th and 5th highest sample results to get the 90th percentile level.
5 or more	Place results in ascending order and assign each sample a number, 1 for the lowest value. Multiply the total number of samples by 0.9. Round down to the nearest whole number if the decimal is 0.4 or lower and round up if the decimal is 0.5 or higher. The sample result that corresponds with the nearest whole number is the 90th percentile.

LEAD AND COPPER RULE SAMPLING REPORT

System's Name:_____ Type: ☐ CWS ☐ NTNCWS

Address:_____ Size: ☐ >100,000
☐ 50,001 to 100,000
☐ 10,001 to 50,000
☐ 3,301 to 10,000
☐ 501 to 3,300
☐ 101 to 500
☐ ≤ 100

Telephone Number:_____

System ID Number:_____

Contact Person:_____ SampleDate(s):_____

SAMPLE SITE IDENTIFICATION

Number of sample sites in each category:

- Single-family structures with copper pipes with lead solder installed after 1982 or lead pipes or lead service lines _____
- Multi-family structures with copper pipes with lead solder installed after 1982 or lead pipes or lead service lines _____
- Buildings containing copper pipes with lead solder installed after 1982 or lead pipes or lead service lines _____
- Single family structures with copper pipes with lead solder installed before 1983 _____

Total: _____

Number of lead service lines present in the distribution system: _____

Number of samples collected from sites served by lead service lines: _____

The following sources have been explored to determine the number of structures that have interior lead pipe or copper pipe with lead solder:

☐ Plumbing and/or building codes
☐ Plumbing and/or building permits
☐ Contacts with the building department, Municipal clerk's office, or state regulatory agencies
☐ Water quality data
☐ Interviews with building inspectors
☐ Survey of service area plumbers about when and where lead solder was used from 1982 to present
☐ Survey of residents
☐ Interviews with local contractors & developers

The following sources have been explored to determine the number of lead service lines in the distribution system:

☐ Distribution system maps and record drawings
☐ Capital improvement plans and/or master plans for distribution system development
☐ Standard operating procedures and/or operation & maintenance manuals for the types of materials used for service connections
☐ Utility records including meter installations, customer complaint investigations
☐ Water quality data
☐ Interviews with senior personnel
☐ Conduct service line sampling where lead service lines are suspected to exist
☐ Review of permit files
☐ Survey of residents
☐ Interviews with local pipe supplies, contractors and/or developers

RESULTS OF SAMPLING

Results of Lead And Copper Tap Water Samples: (*Attach copy of all results to this form.*)

Number of tap samples required:_____ 90th Percentile Lead Level:_____mg/L

Number of tap samples collected & submitted:_____ 90th Percentile Copper Level:_____mg/L

Results of Water Quality Parameter (WQP) Samples: (*Complete only if system is required to collect WQP samples.*)

Number of WQP samples required to be collected:_____

Number of WQP samples collected & submitted:_____

Number of WQP entry point samples required to be collected: _____

Number of WQP entry point samples collected and submitted _____

CERTIFICATION OF COLLECTION METHODS

I certify that:

- Each first draw tap sample for lead and copper is one liter in volume and has stood motionless in plumbing system of each sampling site for at least six hours.
- Each first draw sample collected from a single-family residence has been collected from the cold-water kitchen tap or bathroom sink tap.
- Each first draw sample collected from a non-residential building has been collected at an interior tap from which water is typically drawn for consumption.
- Each first draw sample collected during an annual or triennial monitoring period has been collected in months of June, July, August, or September.
- Each resident who volunteered to collect tap water samples from his or her home has been properly instructed in the proper methods for collecting lead and copper samples. I do not challenge the accuracy of those sampling results.
- Enclosed is a copy of the material distributed to residents explaining the proper collection methods, and a list of the residents who performed sampling.

CHANGE OF SAMPLING SITES

Original site address: _____

New site address: _____

Distance between sites (approximately): _____

Targeting Criteria: New Site: ☐ Tier 1 ☐ Tier 2 ☐ Tier 3 Old Site: ☐ Tier 1 ☐ Tier 2 ☐ Tier 3

Reason for sample site change:

_____

_____

SIGNATURE: _____ **DATE:** _____

_____ _____

Print Name Title

Attachment D

Public Notice for LCR, Source Monitoring & Operator Certification

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.
Tradúzcalo o hable con alguien que lo entienda bien.

Lead and Copper Tap Sampling, Source Chemical Monitoring, and Certified Distribution Operator Requirements Not Met for Cypress Canyon Water System

Cypress Canyon Water System has failed to monitor as required for a drinking water monitoring standard, and, therefore, was in violation of the monitoring and reporting regulations. Cypress Canyon Water System also does not employ or contract a certified distribution operator (D1) as required by regulations. As our customers, you have a right to know what you should do, what happened and what are doing to correct this situation.

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. We have not conducted any source chemical monitoring after March 9, 2011. During the calendar year 2016, we did not conduct monitoring for lead and copper tap sampling and therefore cannot be sure of the quality of our drinking water during that time.

What should I do?

- There is nothing you need to do at this time.
- The table below lists the contaminant we did not properly test; and how many samples we are required to take and how often, how many samples we took when samples should have been taken, and the date on which the most samples were taken.

Required Number of Sites	Contaminants	Required sampling frequency	Number of samples taken	Last sample date
5	Lead and Copper	3 years	0 (None)	9/11/13
Well 01 & 02	Inorganic Chemicals	3 years	0	4/13/11 & 3/9/11
Well 01 & 02	Nitrate	1 year	0	4/13/11 & 3/9/11
Well 01 & 02	Perchlorate	3 years	0	5/28/08 & 5/29/08
Well 01 & 02	Secondary MCL Constituents	3 years	0	4/13/11 & 3/9/11
Well 01 & 02	Gross Alpha	6 years	0	9/24/08

- If you have health issues concerning the consumption of this water, you may wish to consult your doctor.

What happened? What is being done?

We have been directed by the State Water Resources Control Board to conduct the required source chemical monitoring by April 30, 2017, and lead and copper tap samples between June 1, 2017 and September 30, 2017. We have directed by the State Water Resources Control Board to employ or

contract a certified distribution operator by April 30, 2017.

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

Date Distributed & Posted: _____

_____
Bobbi Baker, Treasurer
Cypress Canyon Water System (1502449)

Attachment E

Certification of Completion of Public Notification

Certification of Completion of Public Notification
(Include a Copy of Public Notice with the Certification of Public Notification)

This form, when completed and returned to the Division of Drinking Water – Tehachapi District (4925 Commerce Drive, Suite 120, Bakersfield, CA 93309 or fax to 661-335-7316 or via email: dwpdist19@waterboards.ca.gov), serves as certification that public notification to water users was completed as required by Title 22, California Code of Regulations, Sections 64463-64465.

Public Water System Name: Cypress Canyon Water System

Public Water System No.: 1502449

Public notification for **failure to comply with the Title 22 Source Monitoring, Lead and Copper Tap Monitoring, and Certified Distribution Operator** was performed by the following method(s) (check and complete those that apply):

☐ The notice was mailed to users on: _____
A copy of the notice is attached.

☐ The notice was hand delivered to water customers on: _____
A copy of the notice is attached.

☐ The notice was published in the local newspaper on: _____
A copy of the newspaper notice is attached.

☐ The notice was posted at conspicuous places on: _____
A copy of the notice is attached.
A list of locations the notice was posted is attached.

☐ The notice was delivered to community organizations on: _____
A copy of the notice is attached.
A list of community organizations the notice was delivered to is attached.

I hereby certify that the above information is factual.

_____
Printed Name

_____
Title

_____
Signature

_____
Date

Disclosure: Be advised that Section 116725 and 116730 of the California Health and Safety Code state that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance with the attached order may be liable for a civil penalty not to exceed five thousand dollars ($5,000) for separate violation each day that the violation continues. In addition, the violators may be prosecuted in criminal court and, upon conviction, be punished by a fine of not more than $25,000 for each day of violation, or be imprisoned in the county jail not to exceed one year, or by both the fine and imprisonment.

Due to the Division of Drinking Water within 10 days of issuance of notice to customers and no later than May 10, 2017.

Enforcement Action No. 03_19_17C_015

Attachment F

Notice of Citation Issuance

Attachment F

DRINKING WATER FIELD OPERATIONS BRANCH

NOTICE OF CITATION ISSUANCE
PENALTY

BACKGROUND STATEMENT

The State Water Resources Control Board, Division of Drinking Water, issued **Citation No. 03_19_17C_015** for **Cypress Canyon Water System** (Public Water System No. **1502449**).

This Citation carries a penalty of $1,500.00 (one thousand and five hundred dollars). Details of the Penalty are as follows:

$500 – Title 22 Source Chemical Monitoring & Reporting Violations (deadline: 04/30/17)
$500 – Title 22 Lead and Copper Tap Sampling Monitoring & Reporting Violation (deadline: 06/30/17)
$500 – Certified Distribution Operator Violation (deadline: 04/30/2017)

METHOD OF PAYMENT

By July 7, 2017, submit a check in the amount of $1,500.00 made payable to:

SWRCB – Division of Drinking Water

and mail to:

SWRCB Accounting Office
ATTN: Drinking Water Program Fees
P.O. Box 1888
Sacramento, CA 95812-1888

(Please indicate the Citation No. 03_19_17C_015 on the Check)

(Attach Check Here)